

Connecting To A Vehicle Battery continued

Connect the (2) **BLACK** Cables to the **Negative** Post on the Power Inverter

Connect the (2) **RED** Cables to the **Positive** Post on the Power Inverter

FUSES or CIRCUIT BREAKERS (Circuit breakers recommended)

Connect the (2) **BLACK** Cables to the **Negative** Terminals on the Batteries

Connect the (2) **RED** Cables to the **Positive** Terminals on the Batteries

To Vehicle Electrical System

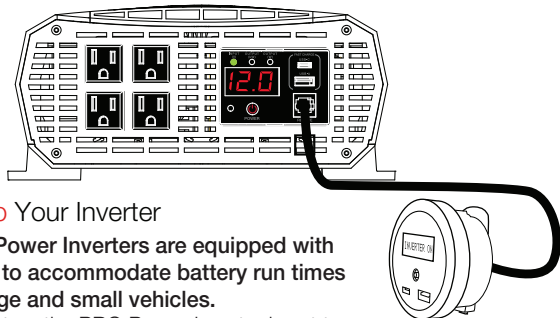
To Vehicle Electrical System



Connect the Negative and Positive Cables to the Negative and Positive Terminals on the Vehicle Battery
Be Sure the Cables are not Incorrectly Connected

Getting Started

1. Connect the Remote On/Off Controller with Fast Charge USB (Optional)
2. Press the POWER button to turn on your inverter (or the POWER button on the remote controller)
3. When the inverter is powered on the Input Voltage LED is **green**



Setting Up Your Inverter

Cobra Pro Power Inverters are equipped with (2) settings to accommodate battery run times for both large and small vehicles.

From the factory the PRO Power Inverter is set to an **11.5 Volt default** Battery Low Voltage Alarm and will automatically shut down at **10.5 Volts** to protect the battery from deep discharge (so you can start your vehicle). **This setting is ideal for Professional Trucks. If using a Cobra PRO Power Inverter with a car, van or RV, the Alternate Setting is recommended** since batteries in these vehicles can afford a slightly deeper drain and will avoid an "early" Battery Low Voltage Alarm signal and longer run time.



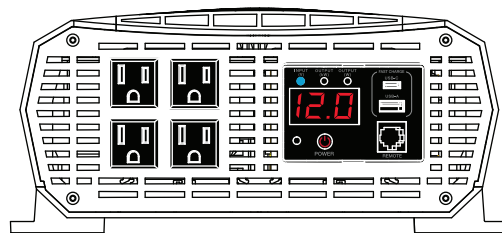
= 11.5 Volt Setting (Default)



CAUTION: The Default Low Voltage Alarm Setting is designed for Professional Trucks and larger vehicle batteries. **If using this setting with a standard vehicle, van or RV, the alarm will sound earlier than necessary and reduce battery run time.**

Instructions For Changing Low Voltage Alarm Setting to 10.5 Volts

1. Connect the Remote On/Off Controller with Fast Charge USB (Optional)
2. Press the POWER button to turn on your inverter (or the POWER button on the remote controller)
3. Press and hold the POWER button for 5 seconds or until Input Voltage LED turns **blue**



4. Once blue, the Battery Low Voltage Alarm will be set to sound when your battery Voltage reaches **10.5 Volts**. The power inverter will automatically shut down when battery voltage reaches **9.5 Volts** to protect the battery from deep discharge (so you can start your vehicle). **The setting will not change when the inverter is turned off or the battery is disconnected.** To set the inverter back to the Battery Low Voltage Alarm Default Setting at **11.5 Volts**, follow steps 1 and 2.



= 10.5 Volt Setting (Alternate)



CAUTION: Your power inverter will automatically shut off at **9.5 Volts** when set to the Alternate Battery Low Voltage Alarm Setting. **Do not set the Battery Low Voltage Alarm Setting to the Alternate Setting when using your inverter with a Professional Truck or larger vehicle.**

Cobra®

PRO 3000W

POWER INVERTER



QUICK START GUIDE

Thank you for purchasing the Cobra PRO 3000 Watt Inverter (Model CPI3000W)

The PRO 3000W is ideal for cross-country professional drivers, travelers, campers, RV enthusiasts or for when a power outage occurs.

Count on Cobra for Power Where You Need It.

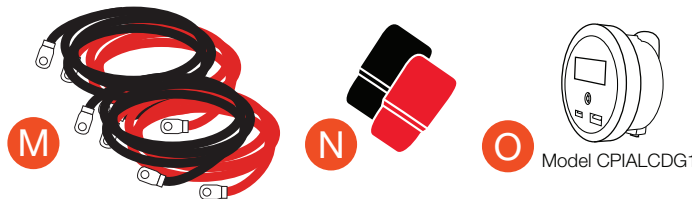
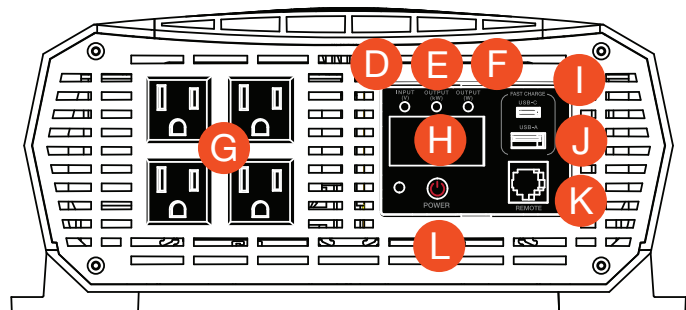
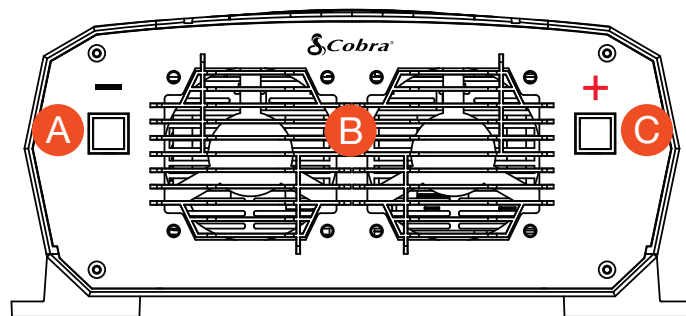
Download the full PRO 3000W manual at:
cobra.com/manuals



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PRO 3000W Features



Model CPIALCDG1

- A. Negative Power Input Terminal
- B. Cooling Fans - regulate the temperature of the inverter, turning on when temperature exceeds the preset limit, and turning off when the temperature reduces
- C. Positive Power Input Terminal
- D. Green LED - Battery Voltage Indicator (V)
- E. Yellow LED - Output Power Indicator. When active, output power is in kilowatts (kW)
- F. Red LED - Output Power Indicator. When active, output power is in Watts (W)
- G. (4) GFCI Protected AC Outlets
- H. Digital Display showing Battery Voltage (V), Power in kilowatts (kW), Power in Watts (W) and Error Codes
- I. USB-C Fast Charge port (5V/9V/15W)
- J. USB-A Fast Charge port (5V/9V/15W)
- K. Port for Cobra Remote On/Off Controller with Fast Charge USB
- L. Power Button
- M. Power Cables
- N. Inverter Terminal Protector Boots
- O. Cobra Remote On/Off Controller with Fast Charge USB

Connecting To A Vehicle Battery

1. Mount the inverter inside the vehicle in a well ventilated location close to the battery
2. For safety reasons install a properly rated fuse (not included) on the **red** cable as close to the positive (**red**) battery terminal as possible. Cut about 12 inches from ring terminal and install fuse. Use 2 x 150 Amp fuses for the 3000W inverter
3. Disconnect the **NEGATIVE (-)** or black battery terminal of the vehicle
4. Route cables close to the battery
5. For items 5 and 6, you are installing (2) cables. (2) cables are needed for the PRO 3000 Watt Inverter
6. Install the insulated terminal boots on the inverter end of the power cables (**RED = positive, BLACK = negative**)
7. Connect each **BLACK** Cable to the **NEGATIVE (-)** terminal on the Inverter
8. Connect each **RED** Cable to the **POSITIVE (+)** terminal on the Inverter
9. Connect the other end of the **RED** cable to the (+) terminal on the vehicle battery
10. Visually inspect and make sure the red wire or its connectors are not touching any metal parts of the vehicle or the black wire connectors
11. Connect the other end of the **BLACK** cable to the (-) terminal on the vehicle battery. **Caution:** There is normally a spark at the point of contact at the negative terminal
12. Check all connections making sure the **RED** cables are connected to the **POSITIVE (+)** terminals and the **BLACK** cables are connected to the **NEGATIVE (-)** terminals
13. Go to the **GETTING STARTED** section to review the Battery Low Voltage Alarm setting based on the vehicle the inverter will be used with